

ABSTRACT OF THE DISCLOSURE

A technique resynchronizes a link state database (LSDB) of a non-stop forward-
ing (NSF) router with the LSDB of a neighbor while maintaining an existing adjacency
with the neighbor over a network interface of the router. According to the technique, the
5 NSF router “pretends” to be a new router by establishing a “fake” adjacency with the
neighbor over the same interface used for the existing adjacency with the neighbor. Be-
lieving that the fake adjacency is an adjacency established with the new router, the
neighbor does not destroy the existing adjacency with the NSF router. This allows the
NSF router to continue receiving and forwarding data traffic over the existing adjacency
10 that was established before, e.g., reloading of routing protocol software on the router.